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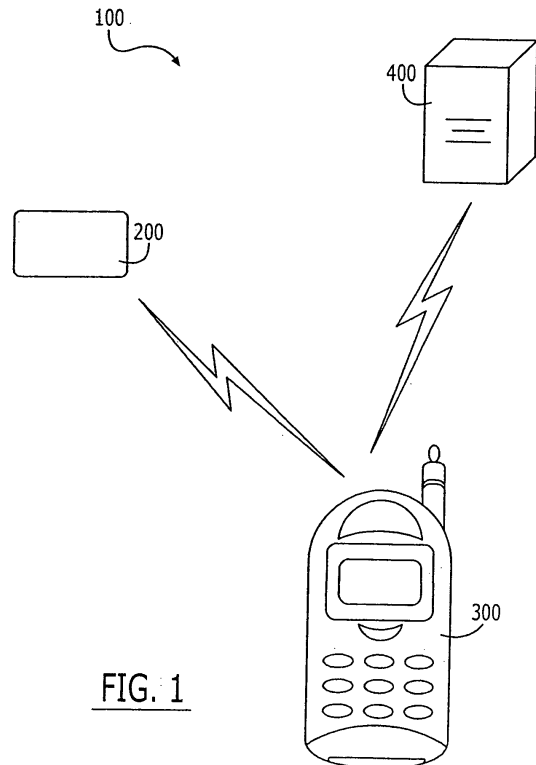
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(54) **Data access in a short-range wireless communication network**

(57) A short-range communication system (100), including a transponder (200) and mobile reader device (300) that seamlessly integrates information stored on the tag with information stored at an external network resource. The system, devices, methods and computer programs are capable of providing a user with access to information and services stored locally on the tag and remotely at a network resource without incurring an unnecessary delay between the presentation of the information stored on the tag and the information stored remotely. In addition, the system, devices, methods and computer programs may provide for dual mode access to information, whereby information stored on the tag is accessed freely, while information on the remote network resource requires some form of authorization.



**FIG. 1**

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2004/003801 A (NOKIA CORP [FI]; NOKIA INC [US]) 8 January 2004 (2004-01-08)	1-5,12,13,17-27,31-36	INV. G06K19/077 G06K7/00 H04Q7/00 H04M1/00 G06F13/00
Y	* abstract; figures 1-5 * * page 3, line 1 - page 7, line 13 * * page 9, line 23 - page 17, line 13 * -----	6,8,10	
X	EP 1 085 431 A (NCR INT INC [US]) 21 March 2001 (2001-03-21)	1-5,12,13,17,18,24,27,31-36	TECHNICAL FIELDS SEARCHED (IPC) G06K G06F H04M
A	* abstract; figures 1,2 * * paragraphs [0008], [0016], [0023], [0026], [0030], [0056] * -----		
A	WO 03/052585 A (HENKEL KGAA [DE]; LAMERS JOERG [DE]; NIEMANN AIKE [DE]; KLEINE DANIEL) 26 June 2003 (2003-06-26)	1-5,7-37	
Y	* the whole document *	6,8,10	
A	WO 00/43949 A (SONY ELECTRONICS INC [US]) 27 July 2000 (2000-07-27)	1-37	
A	* abstract * * page 2, line 13 - page 6, line 37 * -----		
A	WO 01/45020 A (FITTING INC E [US]; LIN SHAW YUEH [US]; TAKASHIMA RODNEY [US]) 21 June 2001 (2001-06-21)	1,12,18,32	
	* the whole document * -----		
1 The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 September 2007	Examiner Palukova, Mila
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 00 2540

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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28-09-2007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004003801	A	08-01-2004	AU 2003240212	A1 19-01-2004
			BR 0311746	A 08-03-2005
			CA 2488681	A1 08-01-2004
			CN 1662920	A 31-08-2005
			EP 1516269	A1 23-03-2005
			JP 2005531236	T 13-10-2005
-----				
EP 1085431	A	21-03-2001	CA 2320002	A1 20-03-2001
			JP 2001160071	A 12-06-2001
-----				
WO 03052585	A	26-06-2003	AU 2002361991	A1 30-06-2003
			DE 10161968	A1 10-07-2003
			EP 1459155	A2 22-09-2004
			US 2005044180	A1 24-02-2005
-----				
WO 0043949	A	27-07-2000	AU 2184800	A 07-08-2000
-----				
WO 0145020	A	21-06-2001	AU 3594300	A 25-06-2001
-----				